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TITLE OF INVESTIGATION: 28990, INVESTIGATION OF ENVIRONMENTAL
CHANGE PATTERN IN JAPAN

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(E76-10175) INVESTIGATION OF ENVIRONMENTAL
CHANGE PATTERN IN JAPAN: APPLICATION OF
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(QUARTERLY PROGRESS REPORT)

APPLICATION OF LANDSAT-2 DATA FOR UNDERSTANDING ENVIRONMENTAL
CHANGES IN THE COASTAL AND OFFSHORE ZONE

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During the period of Oct. to Dec. 1975 all the received scenes were carefully studied. It is found that only one scene observed on Sep. 11 1975 covering central Japan including Ise Bay and its surroundings can be used for the research.

The order form requesting the MT was sent. Since the MT has not arrived yet it has not been possible to go further. In the meantime in cooperation with T. Iwata and H. Nakamura of National Space Development Agency of Japan a computer program for statistical analysis of LANDSAT MSS data has been completed. The test run was made using LANDSAT-1 MT covering the same area. One of the outputs, frequency distribution of radiance in digital counts for several selected sample areas is shown in Fig. 1 (a) and (b).

Fig. 1 (a)

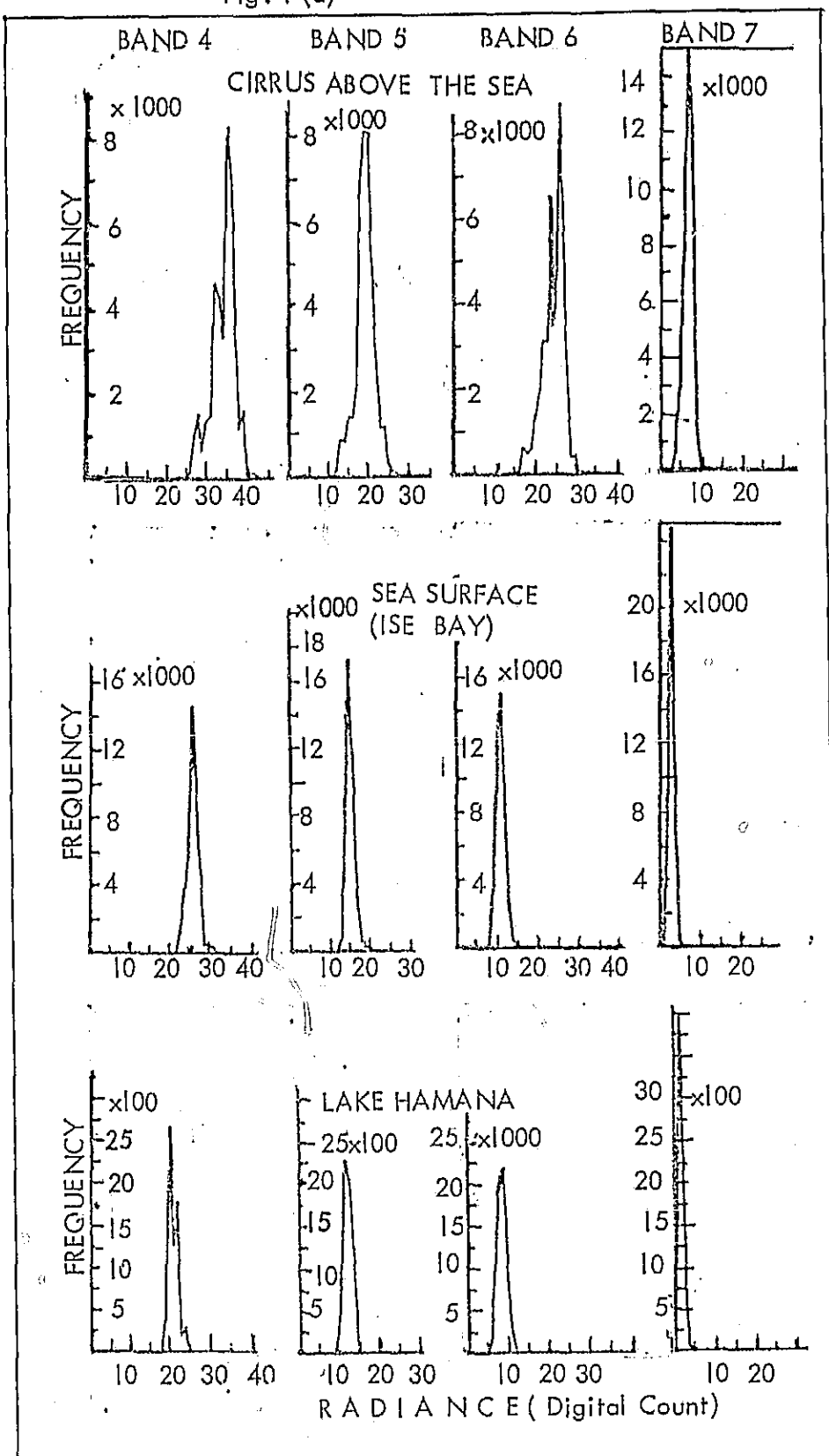


Fig. 1 (b)

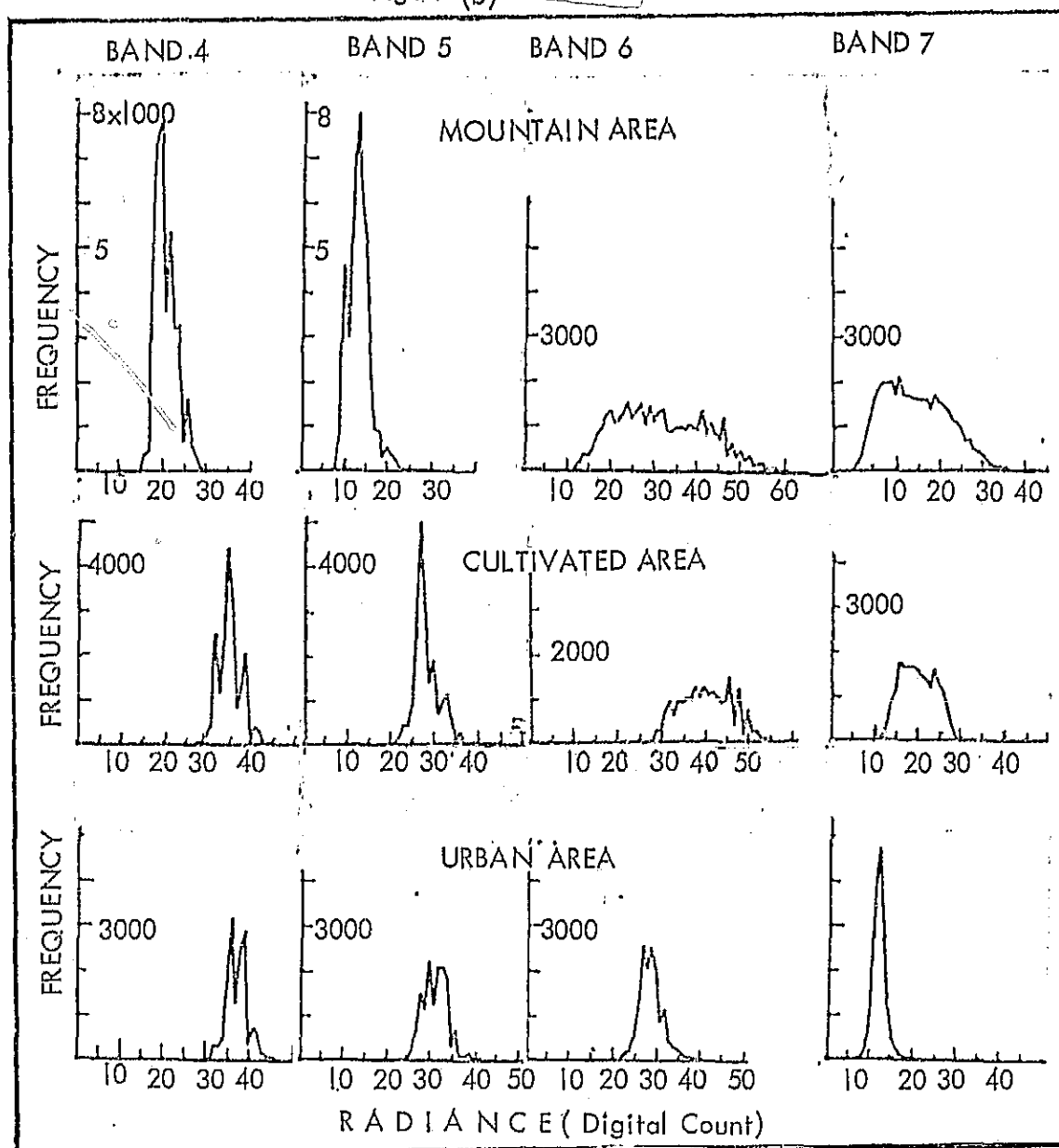


Fig. 1 (a) and (b) Frequency of radiance (digital counts) in several selected sample areas in Central Japan. The MT used is LANDSAT-1, Oct 5 1972.